



B0259-1100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eliezer Pasternack

Serial No. 09/376,867

Group Art Unit: Not yet assigned

Filed: August 18, 1999

Examiner: Not yet assigned

Title: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS AND FILTERS

*I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C.*

*20231, on: January 27, 2000*

*1/27/00*

Date

*Patricia K. Parry*

Patricia K. Parry

RECEIVED  
FEB -4 2000  
TC 2700 MAIL ROOM

\*\*\*

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents & Trademarks  
Washington, D.C. 20231

Sir: .

Transmitted herewith are the following:

- 1) Information Disclosure Statement with PTO 1449 form;
- 2) 7 cited references; and
- 3) Return Postcard.

Authorization is hereby given to charge any underpayment of fees or credit any overpayment of fees related to this communication to Deposit Account No. 07-1896. A duplicate copy of this paper is attached for accounting purposes.

Respectfully submitted,

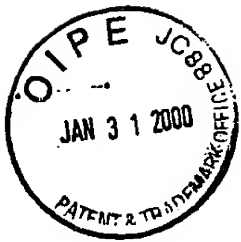
GRAY CARY WARE & FREIDENRICH LLP

Dated: January 27, 2000

By Timothy W. Lohse  
Timothy W. Lohse  
Attorney for Applicant  
Reg. No. 35,255

GRAY CARY WARE & FREIDENRICH LLP

Attn: Patent Department  
400 Hamilton Avenue  
Palo Alto, CA 94301  
Telephone: (650) 320-7426



Docket No. B0259-1100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eliezer Pasternack

Serial No. 09/376,867

Group Art Unit: Not assigned

Filed: August 18, 1999

Examiner: Not assigned

Title: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS  
AND FILTERS

K. Ward  
#2/11/00  
#2/11/00  
R. Smith  
M. Smith

I hereby certify that this correspondence is being deposited with  
the United States Postal Service with sufficient postage as FIRST  
CLASS MAIL in an envelope addressed to: Commissioner of  
Patents and Trademarks, Washington, D.C. 20231, on:

January 27, 2000

1/27/00

Patricia K. Parry

Date

Patricia K. Parry

RECEIVED  
FEB - 4, 2000  
TC 2100 MAIL ROOM

\*\*\*

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Dear Sir:

Pursuant to 37 CFR §1.56(a), Applicant hereby cites the following supplemental  
documents (copies enclosed) listed on the attached copy of Form PTO-1449.

This Information Disclosure Statement is filed

- (1) Within three months of the filing date of a national application; OR

(2) Within three months of the date of entry of the national stage of an i  
international application; OR

(3) Before the mailing of a first Office Action on the merits.

No fee or certification is required.

Authorization is hereby given to charge the indicated fee(s) to Deposit Account No. 07-  
1896. A duplicate copy of this transmittal letter is attached. Please charge any additional fee  
due for this paper to Deposit Account No. 07-1896.

Respectfully submitted,

GRAY CARY WARE & FREIDENRICH

Dated: January 27, 2000

By Timothy W. Lohse  
Timothy W. Lohse  
Reg. No. 35,255  
Attorney for Assignee

GRAY CARY WARE & FREIDENRICH LLP  
Attn: Patent Department  
400 Hamilton Avenue, Palo Alto, CA 94301-1825  
Telephone: (650) 320-7400



Sheet 1 of 1

Form PTO-1449 U.S. DEPT. OF COMMERCE (modified 2/91) Patent and Trademark Office <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	Attorney Docket Number: B0259-1100	Serial Number: 09/376,867
	Applicant: Eliezer Pasternack	
	Filing date: August 18, 1999	Group art unit: Not assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate
	5,608,263	3/4/97	Drayton et al.	257	728	9/6/94
	5,821,836	10/13/98	Katechi et al.	333	202	5/23/97

RECEIVED  
FEB - 4 2000  
TC 2100 MAIL ROOM

## FOREIGN PATENT DOCUMENTS

Document number	Date	Country	Class	Sub-class	Translation
					YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	J.B. Muldavin et al., "30 GHz Tuned MEMS Switches", IEEE MTTS 1999
	Z. Feng et al., "Design and Modeling of RF MEMS Tunable Capacitors Using Electro-thermal Actuators", IEEE MTTS-1999
	H. Kim et al., "Millimeter Wave Micromachined Tunable Filters", IEEE MTTS Digest, pp 1235-1238, 1999
	C.T. Nguyen et al., "Micromachined Devices for Wireless Communications", Proceedings of the IEEE, Vol. 86, pp 1756-1768, 1998
	J. Yao et al., "High Tuning Ration MEMS-Based Tunable Capacitors for RF Communications Applications", Solid State Sensor and Actuator Workshop, Hilton Head, South Carolina, Jun 8-11, 1998

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	